

AMENDMENTS TO THE DRAWINGS

The attached "Replacement Sheets" of drawings include changes to Figures 1-3. The attached "Replacement Sheets," which include Figures 1-3, replace the original sheets including Figures 1-3.

Attachment: Replacement Sheets

REMARKS

Claims 1-3, 5-7, and 10-17 are now pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejection(s) in view of the amendments and remarks contained herein.

DRAWINGS

The drawings stand objected to for certain informalities under 37 C.F.R. § 1.84(N) and (O). Applicants have attached revised drawings for the Examiner's approval. In the "Replacement Sheets," Figures 1-3 are amended to include a legend of each reference number in accordance with the examiner's request. Favorable consideration of these drawings is respectfully requested.

REJECTION UNDER 35 U.S.C. § 102

Claims 1-9 stand rejected under 35 U.S.C. § 102(b) as being anticipated by French et al (WO 98/11356). This rejection is respectfully traversed.

Claim 1 is amended to recite:

1. A system for detecting a rotational motion of a shaft in a machine housing comprising:
 - a seal disposed on the shaft;
 - a measuring transmitter connected to the shaft;
 - at least one measuring sensor provided on the machine housing;
 - a measuring transducer connected to the measuring sensor;
 - a regulator that regulates the electric current; and
 - a transmitting unit for wireless transmission of measured quantities to a separately disposed electronic control device,wherein the measuring sensor is supplied with electric current by a separate energy accumulator, and
the seal, the measuring sensor, regulator, energy accumulator, and transmitting unit are integrally combined into a single unit.

Support for these amendments was previously found in claim 9, which is now cancelled. No new matter is added.

French does not anticipate claim 1. At a minimum, French fails to disclose a "regulator that regulates electric current." Because this feature of claim 1 is not disclosed by French, claim 1 and each corresponding dependent claim are not anticipated.

Claim 10 stand rejected under 35 U.S.C. § 102(b) as being anticipated by EP 0984286 (EP '286)). This rejection is respectfully traversed.

Claim 10 includes the feature of a "signal transmitter [that] is in wireless communication with a control device located within the housing." EP '286 does not disclose this feature. In contrast, EP '286 teaches an electric cable to transmit quantities that are measured by a transmitter. Because the transmitter of EP '286 is not in "wireless communication" with a control device, Applicant respectfully asserts that claim 10 is not anticipated.

Accordingly, reconsideration and withdrawal of this rejection is respectfully requested.

REJECTION UNDER 35 U.S.C. § 103

Claims 11-17 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over EP 0984286 (EP '286) in view of French et al (WO 98/11356). This rejection is respectfully traversed.

Claims 11-17 depend from claim 10, addressed above. Claims 11-17 are not obvious for at least the same reasons.

Accordingly, reconsideration and withdrawal of this rejection is respectfully requested.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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